Oscar Reyes Palmdale, CA

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Education

University of California, Irvine   June 2022

B.S. in Informatics, specialization in Human-Computer Interaction

Coursework: Project Management, Software Design: Applications, Boolean logic and Discrete Structures, Programming with Software Libraries, and Computer Networks

Technical Skills

Languages	**Databases**
Python, Java, JavaScript, TypeScript	SQL, MySQL, RStudio

Frontend & Backend	**Tools**
React.js, HTML, CSS, Node.js, Express.js, React Native	Figma, Jira, GitHub, VSCode

Experience

ObvioHealth | [Project Video](#)   January 2022 - June 2022

Software Engineer Intern (Capstone Project) | Remote | New York

- Collaborated with 5+ developers and product management team to build a reusable, interactive mobile application, named CoachLink, that features messaging and video conferencing calls for clinicians and patients using Twilio API and **React Native** to improve communication and medical assistance by 85%.
- Prepared mockups and wireframes in **Figma** and presented them to the project management team to establish 90% of the mobile application's UI elements and design and features.
- Programmed the UI of the homepage, login page, signup page and messaging page using **TypeScript** with **HTML** and **CSS** elements to resemble the figma designs.
- Created GraphQL queries that will later be used for the applications messaging and video chat features by routing them to the Twilio API and Gifted Chat.
- Organized sprint reports to keep an eye on tasks that needs to be completed by each group member

Projects

Holo   [GitHub](#) | [Figma](#)

JavaScript, EJS, CSS, MySQL, Node.js

- Created an interactive, renting web application that helps common people to rent out sports gear and vehicles.
- Built a database using **MySQL** to store items that will be displayed in the frontend of the application using EJS and **JavaScript** and programmed a functionable, interactive search bar that allows the user to easily find the item they are looking for.
- Improved accessibility by allowing common people to display their unused sports gear and vehicles and earn profits in marketing their discarded goods.

Weather Application   [GitHub](#) | [Figma](#)

JavaScript, HTML, CSS

- Programmed an interactive weather application that centralizes in using the weather API to search for current weather conditions in any city around the world.
- Improved an understanding of manipulating and fetching data from an API using **JavaScript** and displaying those results with **HTML** and **CSS** elements.

College Housing Application   [GitHub](#) | [Figma](#)

React.js, Node.js, JavaScript, CSS, HTML, MySQL, SQL

- Developed a website that helps UC students to find housing accommodations nearby their Universities.
- Improved accessibility by implementing a category filter that allows users to select their preferences of price range, bedding situation, and distance to simplify the hunt for housing compared to available platforms for University students.

PyGame Sorting Visualization   [GitHub](#)

Python, PyGame

- Created an interactive pygame visualizer of sorting algorithms, bubble sort and heap sort, through object-oriented programming
- Demonstrated the speed and efficiency between the two sorting algorithms.